

3E Company America's leader in hazardous materials compliance services

Phone (800) 451-8346

Manufacturer Memorandum Sheet

Date

29-Jul-97

TO:

MSDS - Requester

FROM:

KS - 3E Company

RE:

The MSDS you have requested

Manufacturer: Pool Master Inc.

Product Name: 4 In 1 Test Kit

Mfg Contact Name: Brenda

Mfg Phone #: (916) 567-9800

Per the manufacturer the MSDS(s) listed below cover the above product.

Poolmaster Solution #1/Poolmaster OTO Poolmaster Phenol Red/Poolmaster Solution #2 Poolmaster Solution #3/Acid Demand & Alkalinity Test Solution Poolmaster Solution #4 Chlorine Neutralizer

Poolmaster Solution #5 Total Alkalinity Test



MAILING ADDRESS P.O. BOX 340308, SACRAMENTO, CA 95834-0308

Local (916) 567-9800 Toll Free: (800) 854-1776

PHONE & FAX NUMBERS: New Office & Warehouse: 770 W. DEL PASO ROAD SACRAMENTO. CA 95834-1117

FAX: 916-567-9880

information on this form is furnished solely for the purpose of compl dissemination of all or any peri of this information for any other pur	these and seems as	pational Bafety and Health Act of 1970 and shall not be used for a a violation of law or constitute grounds for legal action.	
	SECT	ION I	
MANUFACTURER'S NAME		EMERGENCY TELEPHON	
POOLMASTER, INC.		916-567-9800	
TRADE NAME AND SYNONYMS			
Poolmaster Solution #1		,	
Poolmaster OTO (Orthotolidne)			
CHEMICAL NAME AND SYNONYMS	<u></u>		
O-Tolidine Dihydrochloride (3, 3'	-Dimethyl-	-(1,1'-Biphenyl)-4,4'-diamine D	inyarochioriae
CHEMICAL FAMILY Organic indicator		(-C6H3-4-NH2-3-CH3)2 -2HCI	
SECTION	I II - HAZAR	DOUS INGREDIENTS	
COMPONENT	46	HAZARD DATA	
	<0.2	DANGER-Suspected carcin	ogen
O-Talidine Dihydrochloride			
Hydrochloric Acid			
		L. C.	
	TION III - P	PHYSICAL DATA	1.0
BOILING POINT (*F.)	212	Specific Gravity (H ₂ 0=1)	1.0
VAPOR PRESSURE (mm Hg.)	A / A		
VAPOR DENSITY (AIR-1)	NA NA		
	NA		
SOLUBILITY IN WATER	Complete		
APPEARANCE AND ODOR			
Clear, odorless,			
		I FLAMMABLE LIMITS NA	
FLASH POINT (Meshod used) NA - Aqueous so	lution	LEYWWYRCE CIWILLS NV	
EXTINGUISHING MEDIA NA			
SPECIAL FIRE FIGHTING PROCEDURES			
NA			
UNUSUAL FIRE AND EXPLOSION HAZARDS			
None			
	NIV LEAD	TH HAZARD DATA	
<u></u>		TH HAZARD DATA	
THRESHOLD LIMIT VALUE Not established			
Suspected carcinogen. Toxic	ity level:	s not established.	

material and RESPIRATORY PROTECT VENTILATION PROTECTIVE GLOVES OTHER PROTECTIVE ECOPERATORY	TION N. LOCAL EXHA MECHANICAL YES QUIPMENT AKEN IN HAN tightly	SECTION V A UST If ne SECTION V AS necessary SECTION V SECTION V AS necessary SECTION V SECTION V	VIII - SP	ECIAL PR to previx - SPEC	ect spill with absorbent, flammable laws take precedence. ROTECTION INFORMATION SPECIAL OTHER EVE PROTECTION Safety glasses vent skin contact. CIAL PRECAUTIONS 2. Do not store in direct sunlight.	
material and RESPIRATORY PROTECTIVE GLOVES OTHER PROTECTIVE ECOPPRECAUTIONS TO BE TO Keep bottles Protect from OTHER PRECAUTIONS	TION N. LOCAL EXHA MECHANICAL YES QUIPMENT AKEN IN HAN tightly	SECTION V A UST If ne SECTION V AS necessary SECTION V SECTION V AS necessary SECTION V SECTION V	VIII - SP	ECIAL PR to previx - SPEC	IAWS TAKE PRECEDENCE. SPECIAL OTHER EYE PROTECTION Safety glasses Vent skin contact. CIAL PRECAUTIONS	
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material and RESPIRATORY PROTECT VENTILATION PROTECTIVE GLOVES	TION N. LOCAL EXHA	SECTION V	VIII - SP	g, colle local	ACTECTION INFORMATION SPECIAL OTHER EYE PROTECTION Safety glasses	
material and RESPIRATORY PROTECTION	incineration N. LOCAL EXHA	SECTION V	ate and	g, colle local	LAWS take precedence. IOTECTION INFORMATION SPECIAL OTHER EYE PROTECTION	
material and RESPIRATORY PROTECTION	inciner	SECTION V	ate and	g, colle local	laws take precedence. OTECTION INFORMATION SPECIAL	
material and RESPIRATORY PROTECTION	inciner	SECTION V	ate and	g, colle local	laws take precedence. OTECTION INFORMATION SPECIAL	
material and	able pro- incinera	SECTION	ite and	g, colle	laws take precedence.	
material and	able pro- inciner	ate. Sta	ite and	g, colle	laws take precedence.	
	ble pro	ate. Sta	ite and	g, colle	laws take precedence.	
	ble pro			g, colle		
					·	
Wearing suita Wash spill ar	rea with			_	ect spilled material in sealed containe	r.
Steps to be t	taken in	case mat	erial	is relea	ased or spilled.	
· · · · · · · · · · · · · · · · · · ·		SECTI	ON VII	- SPILL C	OR LEAK PROCEDURES	
NFPA RATINGS	(Scale C			FIRE=		
		WILL NOT OC		XX		
HAZARDOUS POLYMERIZATION				- 	N/A	
		MAY OCCUR			CONDITIONS TO AVOID	
INAZAROUUS DECUMP		N/A				
HAZARDOUS DECOMP						
INCOMPATIBILITY Strong of	yidi sara					
	STABLE		XX			
	UNSTABLE			St	rong oxidizers	
STABILITY	LINETARI E			ONDITIONS	TO AVOID	
SKIN: Immed	racerA r				ter. Remove contaminated clothing.	
EYES: Immedi	iately f	lush with	n prent	y of wa	ter and get medical attention.	
			• .		iting. Seek medical attention.	
				iuce vom		
EMERGENCY AND FIRS	ST AID PROC	er. Do n		luce vom		
		EDURES er. Do n	not ind	· · · · · · · · · · · · · · · · · · ·	<u> </u>	
EYES: Solut:	ion may	cause eye	e burns	s. SKIN	Harmful if absorbed through skin.	
EYES: Solut:	spected ion may	cause eye	e burns	s. SKIN	N: May be harmful if inhaled. H: Harmful if absorbed through skin.	



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POOLMASTER PHENOL RED		- 020	rion I					
POOLMASTER PHENOL RED			EME	RGENCY TELEPHONE NO				
POOLMASTER PHENOL RED								
			<u> </u>					
DOOL WACTED COLUTION #2								
POOLMASTER SOLUTION #2								
				,				
HEMICAL NAME AND SYNONYMS								
Phenol Red (Phenolsulphont	hale	in)	FORMULA C/ -	4 011 0 11				
rqanic pH Indicator				H ₄ -4-ОН):С ₆ НД	-4:0-504			
SECT	ON II	- HAZAR	DOUS INGREDIENTS					
COMPONENT		%	н	AZARD DATA	·			
henolsulphonthalein		•	See Health Hazard (Toxicity)					
		ł	data below.					
		ſ						
	SECTION	ON III - P	HYSICAL DATA					
OILING POINT (*F.)	2	12	Specific Gravity	$(H_20=1)$	-1.0			
APOR PRESSURE (mm Hg.)		 7			1			
APOR DENSITY (AIR=1)	- 	′						
OLI LINU PER LA LA CARRA	0	. 5						
OLUBILITY IN WATER	Co	mplete						
PPEARANCE AND ODOR								
Red, water-1 SECTION IV			KPLOSION HAZARD DA	ATA				
ASH POINT (Method used) NA-Aqueous s			ELAMMARI E LIMITS	NA				
CTINGLUSHING MEDIA				```				
se extinguishing media for pecial fire fighting procedures	<u> </u>	<u> </u>	cause of fire.					
NA								
NUSUAL FIRE AND EXPLOSION HAZARDS		<u>.</u>						
NA								
								
SECTIFICATION SECTION	ION V	- HEAL	TH HAZARD DATA					
XICITY								
utagenic with Ames Test w	ith .	and wi	thout activation	١.				

	SE.	CTION V -	HEALTH	HAZARD DATA	(cont.)				
EFFECTS OF OVER EX									
Not establi	ished other t	than mut	tagenic	activity.					
EMERGENCY AND FIR	IST AID PROCEDURES								
Ingestion:	Give plenty	of wate	er to d	jlute. Cons	sult a	physician			
immediately	. Eyes: Flus	h with	water	for 15 minu	ıtes.	Get medical			
attention i	f symptoms p	ersist.	. Skin:	Wash with	soap	and water.			
		SECTIO	N VI - RE	ACTIVITY DAT	A				
STABILITY	UNSTABLE CONDITIONS TO AVOID								
					····		-		
	STABLE	X							
INCOMPATIBILITY									
N	lone								
HAZARDOUS DECOM	POSITION PRODUCTS								
''	——————————————————————————————————————			CONDITIONS TO AV	OID				
HAZARDOUS	MAY OCC	CUR		CONDITIONS TO AT	0.0	None			
POLYMERIZATION	WILL NOT	OCCUR	Х						
NEDA DATINGO	(Scale 0-4):	UEAT MU-∩		=0 REACTIV	T my-0				
NEFA RATINGS	•			R LEAK PROCE		· · · · · · · · · · · · · · · · · · ·			
sceps to be	taken in ca	se mate	riai i	s released	or sp	11160			
Abcorb mate	rial with su	itahla	absorb	on t					
ADSOLD Mace	FIGH WICH SU	i i cabi e	403010	G 11 C .					
WASTE DISPOSAL ME									
		materi	al in	accordance	with	current laws and	i		
ordinances.									
						·			
	SECTIO	N VIII - SP	ECIAL PR	OTECTION INFO	RMATI	NC			
RESPIRATORY PROTE	^{CTION} Not req	uired		·					
VENTILATION	LOCAL EXHAUST N	ot requ	ired		SPECIAL	NA	·····		
		ot requ		·	OTHER	NA			
	MEGRATIONE A	ot requ							
PROTECTIVE GLOVES	Not requi	red		EYE PROTECTION	Not r	equired			
OTHER PROTECTIVE E									
	None								
			IX - SPEC	IAL PRECAUTI	ONS				
Ensure that	TAKEN IN HANDLING AN bottle cap	is tiah	tlv sea	aled after	usina	. Protect from			
	t and freezi	-	•		•				
		- J							
OTHER PRECAUTIONS									
None									
									
The information wentled -	home in proposited in second faith	and has been deri	hed from source	s believed to be reliable to	DWGVAF, RA	rranty, express or implied is extended re	gerding		
He accuracy or the results	to be obtained from its use. 8	lince conditions of	d use are beyon	our control all risks are o	secumed by t	he user.			



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ANUFACTURERS NAME POOLMASTER INC. POOLMASTER SOLUTION #3 ACID DEMAND AND ALKALINITY TEST SOLUTION HEMICAL FAMILY HEMICAL FAMILY MIXTURE SECTION III - HAZARDOUS INGREDIENTS COMPONENT HYDROCHLORIC ACID SOLUTION MIXTURE SECTION III - PHYSICAL DATA HYDROCHLORIC ACID O.1 SOLUNG POINT [*F.] APPOR PRESSURE (mm HQ1) APPOR DEMITY (AIR-1) NAME OF THE SECTION IV - FIRE AND EXPLOSION HAZARD DATA PLASTRYPHANCE AND GOOR CLEAR, ODORLESS AND INSOLUBLE EXTINGUISH IMPORT MEDIA NOT APPLICABLE SPECIAL FIRE FIGHTING PROCEDURES N/A UNUSUAL FIRE AND EXPLOSION HAZARDS N/A SECTION V - HEALTH HAZARD DATA THRESHOLD LIMIT VALUE SECTION V - HEALTH HAZARD DATA THRESHOLD LIMIT VALUE SECTION V - HEALTH HAZARD DATA THRESHOLD LIMIT VALUE		SEC	TION 1			
RADE NAME AND SYNONYMS POOLMASTER SOLUTION #3 ACID DEMAND AND ALKALINITY TEST SOLUTION HYDROCHLORIC ACID SOLUTION HYDROCHLORIC ACID SOLUTION CHEMICAL FAMILY MIXTURE SECTION II - HAZARDOUS INGREDIENTS COMPONENT HYDROCHLORIC ACID O.1 SOLING POWT (**) VAPOR PRESSURE (min Mg)1 VAPOR PRESSURE (min Mg)1 VAPOR DENSITY (AIR' 1) NA SOLUBLITY IN WATER COMPLETE SECTION IV - FIRE AND EXPLOSION HAZARD DATA FLASHYDAYT IMMUNOGUEGO EXTINGUISHING MEDIA NOT APPLICABLE SPECIAL FIRE FIGHTING PROCEQUIES 1/A UNUSUAL FIRE AND EXPLOSION HAZARDS N/A SECTION V - HEALTH HAZARD DATA THRESHOLD LIMIT VALUE	IANUFACTURER'S NAME			0.		
INDER MANE AND SYNOMYMS POOLMASTER SOLUTION #3 ACID DEMAND AND ALKALINITY TEST SOLUTION HYDROCHLORIC ACID SOLUTION MIXTURE SECTION II - HAZARDOUS INGREDIENTS COMPONENT HYDROCHLORIC ACID O.1 SECTION III - PHYSICAL DATA HYDROCHLORIC ACID O.1 SECTION III - PHYSICAL DATA BOILING POINT (*F.) VAPOR PRESSURE (mm Hg.) VAPOR DENSITY (ART.); NA SOLUBLITY IN WATER COMPLETE SECTION IV - FIRE AND EXPLOSION HAZARD DATA FLASNINGNT IMPURO USED) EXTINGUISHING MEDIA NOT APPLICABLE SPECIAL FIRE FIGHTING PROCEDURES 1/A UNUSUAL FIRE AND EXPLOSION HAZARDS N/A SECTION V - HEALTH HAZARD DATA	POOLMASTER INC.		916-567-9800	916-567-9800		
ACID DEMAND AND ALKALINITY TEST SOLUTION HEMICAL NAME AND SYNONYMS HYDROCHLORIC ACID SOLUTION SECTION II - HAZARDOUS INGREDIENTS COMPONENT NAME AND STREET OF THE AND SECTION III - PHYSICAL DATA HYDROCHLORIC ACID SECTION III - PHYSICAL DATA BOILING POINT (*F.) VAPOR PRESSURE (mm Hq.) VAPOR PRESSURE (mm Hq.) VAPOR DENSITY (AIR-1) NA SOLUBLITY IN WATER COMPLETE APPEARANCE AND GOOR CLEAR. ODORLESS AND INSOLUBLE SECTION IV - FIRE AND EXPLOSION HAZARD DATA FLAMMABLE LIMITS PLAMMABLE LIMITS PLAMMABLE LIMITS SPECIAL FIRE FIGHTING PROCEDURES 11/A UNUSUAL FIRE AND EXPLOSION HAZARD DATA THRIESHOLD LIMIT VALUE	TRADE NAME AND SYNONYMS					
SECTION II - HAZARDOUS INGREDIENTS COMPONENT RYDROCHLORIC ACID SECTION III - PHYSICAL DATA BOILING POINT (*F.) VAPOR PRESSURE (min Hg.) VAPOR DENSITY (AIR-1) VAPOR DENSITY (AIR-1) SOLUBILITY IN WATER COMPLETE APPEARANCE AND ODOR CLEAR. ODORLESS AND INSOLUBLE SECTION IV - FIRE AND EXPLOSION HAZARD DATA FLAMMABLE LIMITS NOT APPLICABLE SPECIAL FIRE FIGHTING PROCEDURES 11/A UNUSUAL FIRE AND EXPLOSION HAZARDS N/A		TY TEST S	SOLUTION .			
CHEMICAL FAMILY MIXTURE SECTION III - HAZARDOUS INGREDIENTS COMPONENT HYDROCHLORIC ACID O.1 SECTION III - PHYSICAL DATA BOILING POINT (*F.) VAPOR PRESSURE (min Hg.) VAPOR PRESSURE (min Hg.) VAPOR DENSITY (AIR-1) SOLUBILITY IN WATER COMPLETE APPEARANCE AND ODOR CLEAR. ODORLESS AND INSOLUBLE SECTION IV - FIRE AND EXPLOSION HAZARD DATA FLASHYDAT [Memoria used] FLAMMABLE LIMITS PECIAL FIRE FIGHTING PROCEDURES 11/A UNUSUAL FIRE AND EXPLOSION HAZARD N/A SECTION V - HEALTH HAZARD DATA		DOGULODIO	2 ACTD COLUMNON	·		
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SOLUBILITY IN WATER COMPLETE APPEARANCE AND GOOR CLEAR. ODORLESS AND INSOLUBLE SECTION IV - FIRE AND EXPLOSION HAZARD DATA FLASHING MEDIA NOT APPLICABLE SPECIAL FIRE FIGHTING PROCEDURES 11/A UNUSUAL FIRE AND EXPLOSION HAZARDS N/A SECTION V - HEALTH HAZARD DATA THRESHOLD LIMIT VALUE		20 C=16				
SOLUBILITY IN WATER COMPLETE APPEARANCE AND ODOR CLEAR. ODORLESS AND INSOLUBLE SECTION IV - FIRE AND EXPLOSION HAZARD DATA FLASHING MEDIA NOT APPLICABLE SPECIAL FIRE FIGHTING PROCEDURES 11/A UNUSUAL FIRE AND EXPLOSION HAZARDS N/A SECTION V - HEALTH HAZARD DATA THRESHOLD LIMIT VALUE	VAPOR DENSITY (AIR+1)	AN	}	1		
CLEAR. ODORLESS AND INSOLUBLE SECTION IV - FIRE AND EXPLOSION HAZARD DATA FLASHYONT (Method used) EXTINGUISHING MEDIA NOT APPLICABLE SPECIAL FIRE FIGHTING PROCEDURES 11/A UNUSUAL FIRE AND EXPLOSION HAZARDS N/A SECTION V - HEALTH HAZARD DATA THRESHOLD LIMIT VALUE	COMPLETE					
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UNUSUAL FIRE AND EXPLOSION HAZAROS N/A SECTION V - HEALTH HAZARD DATA THRESHOLD LIMIT VALUE	EXTINGUISHING MEDIA NOT APPLICABLE					
N/A SECTION V - HEALTH HAZARD DATA THRESHOLD LIMIT VALUE						
SECTION V - HEALTH HAZARD DATA THRESHOLD LIMIT VALUE	UNUSUAL FIRE AND EXPLOSION HAZARDS					
THRESHOLD LIMIT VALUE	فالمراج والمراج والمناول والمروي وينها ليستان والمالية والمناور والمناوب المراجع والمناوب المراجع والمناوب الم					
		TION V - HEA	LTH HAZARD DATA			
TOXICITY	LINESUALD FIMIT AVERS					
TORIUM 1						

f	\$E(TION V	- HEALTH	(Jinos) ATAG GRAYAH
EFFECTS OF OVER EX		· · · · · · · · · · · · · · · · · · ·		
ROUTES	OF ENTRY, SI	IGNS AN	ID SYMPT	COMS AND MEDICAL CONDITIONS
AGGRAVA	ATED BY EXPOS	SURE'		
1				
EMERGENCY AND FIR	ST, AND PROCEDURES CT	: WTTH	WATER E	OR 15 MINUTES. CONTACT A PHYSICIAN
	TATION OCCU		MATER I	ON 13 MINUTED. COMINCE A IMIDICIAN
2			Y OF WA	ATER AND CONTACT A PHYSICIAN.
j	NTACT FLUSH			
BRIN CC	MIACI ILCON			ACTIVITY DATA
STABILITY	UNSTABLE		CONDITIONS 1	
	ONSTABLE			TO LITER DEPOSIT THE TAX A TOPPO MITON
	STABLE	Х	OF TOX	G WILL RESULT IN LIBERATION IC HYDROGEN CHLORIDE FUMES
INCOMPATIBILITY				
) N/A	A			
HAZARDOUS DECOME	POSITION PRODUCTS			
HEATIN	NG WILL LIBER	RATE TO	XIC HYD	ROGEN CHLORIDE FUMES
	MAY OCC	UR	·	CONDITIONS TO AVOID
HAZARDOUS POLYMERIZATION				
ļ	WILL NOT	OCCUR	x	
	SEC	TION VI	I - SPILL O	OR LEAK PROCEDURES
MOD IID	OR FLUSH TO	CEMED	เลาเยน เลา	מימות
1101 01	OK I HODIL TO	DEWLIN	MITIN HE	1157/
WASTE DISPOSAL ME	TU 60			
MANS LE DISPOSAL ME	INOU			
			ALL FEDE	ERAL, STATE AND LOCAL WASTE
DISPOSA	AL REGULATION	٧.		
<u> </u>				
! 				
	SECTIO	N VIII - S	PECIAL PR	OTECTION INFORMATION
RESPIRATORY PROTEI	NO NO			
VENTILATION	LOCAL EXHAUST			SPECIAL
		<u>.</u>	···	
NO	MECHANICAL			OTHER
PROTECTIVE GLOVES	370			EYE PROTECTION
OTHER PROTECTIVE E	NO QUIPMENT			YES
]	PY GIASSES			
		SECTION	IX - SPEC	CIAL PRECAUTIONS
PRECAUTIONS TO BE	TAKEN IN HANDLING AN	ID STORING	· · · · · · · · · · · · · · · · · · ·	
KEEP OU	r of reach of	CHILI	DREN	
OTHER PRECAUTIONS				
OTTEN PREDAD TIONS				
	•		•	
The information supplied a	bove is presented in good faith	and has been d	erived from source	se believed to be reliable. However, no warranty, express or implied is extended regarding
its accuracy or the requite	to be obtained from its use. S	ince contillions	of use are beyon	our control all risks are sasumed by the user.



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	SEC.	TION 1					
MANUFACTURER'S NAME	3.0	EMERGENCY TELEPHO	ONE NO.				
POOLMASTER, INC.		16-567-9800					
TRADE NAME AND SYNONYMS			10 307 3000				
Poolmaster solution #4 ch	lorine neutral	izer					
CHEMICAL NAME AND SYNONYMS							
Sodium Thiosulfate soluti	on						
CHEMICAL FAMILY	011	FORMULA					
Inorganic Salt Solution		Na 2S 2 O 3					
SEC	CTION II - HAZAF	RDOUS INGREDIENTS					
COMPONENT % HAZARD DATA							
Sodium Thiosulfate	< 1.0						
BOILING POINT (*F.)		PHYSICAL DATA Specific Gravity (H ₂ 0=1)	1.0				
VAPOR PRESSURE (mm Hg.)	212	opecific diavity (H20-1)	1.0				
VALUAT ALSSORE (IIIII rig.)	17						
VAPOR DENSITY (AIR=1)	0.6						
SOLUBILITY IN WATER	Complete						
APPEARANCE AND ODOR Colorless, od	orless,water-l	ike solution.					
SECTION	IV - FIRE AND E	XPLOSION HAZARD DATA					
FLASH POINT (Method used) NA-Aqueous	Solution	FLAMMABLE LIMITS NA					
XTINGUISHING MI DIA Water SPECIAL FIRE FIGHTING PROCEDURES Non	e						
JNUSUAL FIRE AND EXPLOSION HAZARDS							
Non	e						
SE	CTION V - HEAL	TH HAZARD DATA					
MOCONOL DILLIAM NAVALLE	hed for mixtur	· · · · · · · · · · · · · · · · · · ·					
OXICITY							
300 mg/kg per 7 days resu	lted in blood	effects.					

,,		SEC	CTION V	- HEALTI	HAZ	ARD	DATA	(con	ıt.)					
EFFECTS OF OVER EX	POSURE													
Large doses	interna ³	lly can	cause	cathart	ic ef	fect	s in h	umai	ns.					
EMERGENCY AND FIRS Ingestion: Di immediately. persist.	TAID PROCE Tute by Eyes and	eounes drinki 1 Skin:	ng wate Flush	er; induc with was	e-vo ter.	miti Seek	ng and medic	i sec	ek med atten	dical tion i	att f s	entic ympto	on oms	
			SECT	10N VI - F			Y DATA	7						
STABILITY.	UNSTABLE			CONDITION	TO AV	010	Avoi	d e	vapora	tion	to	dryne	ess.	
	STABLE		Х											
None None														
If evaporate can evolve.	osition pad d to dry	opucts mess a	nd deco	ompositio					sulfi	des a	nd	sul fi	ur o	xide
HAZARDOUS		MAY OCC	UR		CON	DITION	IS TO AVO	010						
POLYMERIZATION		WILL NOT	OCCUR	X						·				
										 				
		SEC	CTION V	II - SPILL	OR L	EAK	PROCE	DUP	RES					
waste disposat Me Flush to sew														
		SECTIO	- IIIV NC	SPECIAL P	ROTE	CTIO	N INFO	RMA	TION					
RESPIRATORY PROTEC	NO	t requ	ired											
VENTILATION	LOCAL EXHA	UST	If mist	ing occu	rs			SPEC	IAL	None				
<u> </u>	MECHANICA	-	None					OTHE	Я	None	2	···-		يصندون
PROTECTIVE GLOVES		requir	red		EYE	POTE	CTION S	a fet	y gla	sses				
OTHER PROTECTIVE E	QUIPMENT	None							·			· · · · · · · · · · · · · · · · · · ·		
			SECTIO	N IX - SPE	CIAL	PRE	CAUTIC	ONS						
PRECAUTIONS TO BE 1 Avoid unneces against free:	sary sk	in cont	tact an	g d guart	agair	st e	vapora	atio	n to	drynes	s.F	rote	ct	
OTHER PRECAUTIONS None														
The Information supplied at Ma accuracy or the results	ove is presented to	in good faith	and has been lince condition	derived from source of use are bey	rcee balle	ed of bevia	reliable, No Il righa are s	meyer, e	no werrant	r, daspress (x	r implie	ed in quier	nded regi	ending



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MATERIAL SAFETY DATA SHEET

Information on this form is furnished solely for the purpose of compilance with the Occupational Bafaly and Health Act of 1970 and shall not be used for any other purpose. Use or dissemination of all or any part of this information for any other purpose may result in a violation of law or constitute grounds for legal action. SECTION I EMERGENCY TELEPHONE NO. MANUFACTURER'S NAME 016-567-9800 POOLMASTER, INC. TRADE NAME AND SYNONYMS Poolmaster Solution#5 Total Alkalinity test CHEMICAL NAME AND SYNONYMS Bromophenol Blue FORMULA C6H4SO2OC(C6H2-3,5-Br2-OH)2 CHEMICAL FAMILY Organic Indicator **SECTION II - HAZARDOUS INGREDIENTS** HAZARD DATA COMPONENT 0.04 Bromophenol Blue SECTION III - PHYSICAL DATA BOILING POINT (*F.) -1.0 212 VAPOR PRESSURE (mm Hg.) 17 VAPOR DENSITY (AIR-1) 0.6 SOLUBILITY IN WATER Complete APPEARANCE AND ODOR Blue, liquid (water-like) solution SECTION IV - FIRE AND EXPLOSION HAZARD DATA FLAMMABLE LIMITS FLASH POINT (Method used) NA-Aqueous Solution NA EXTINGUISHING MEDIA Water SPECIAL FIRE FIGHTING PROCEDURES UNUSUAL FIRE AND EXPLOSION HAZARDS NA SECTION V - HEALTH HAZARD DATA THRESHOLD LIMIT VALUE Not established TOXICITY Not established

		SECTIO	1 - V P	EALTH	HAZARD DAT	A (cont.)
EFFECTS OF OVER	EXPOSURE					
Not est	abl ished					
Ingestion: Eyes and S	Drink larg	e volumes o	f wate . See	er; ind k medid	duce vomiting cal attention	;seek medical attention. if symptoms persist.
		SE	CTION	VI - RI	ACTIVITY DAT	Ά
STABILITY	UNSTABL				TO AVOID Non	
	STABLE	X				
INCOMPATIBILITY						
	None					
HAZARDOUS DEC	OMPOSITION PR	None				
					CONDITIONS TO AV	/OID No
HAZARDOUS POLYMERIZATION		MAY OCCUR				None
		WILL NOT OCCU		X	<u> </u>	
		SECTION	1 VII -	SPILL (OR LEAK PROC	FDURES
WASTE DISPOSAL Dispose of		ted absorber	ıt in	accord	lance with cu	rrent laws and ordinances.
		SECTION VIII	- SPE	CIAL PR	OTECTION INF	ORMATION
RESPIRATORY PRO	TECTION N	ot applicabl	e		,	
VENTILATION	LOCAL EXH	AUST Not requ	rired			SPECIAL
'	MECHANICA	Not requ	ired			OTHER
PROTECTIVE GLOV	Not	required			EYE PROTECTION	Safety glasses
OTHER PROTECTIV	E EQUIPMENT	None			<u> </u>	
				(- SPE	CIAL PRECAUTI	IONS
PRECAUTIONS TO Avoid conta freezing or	ct with sl	NOLING AND STOP (in,clothing leat.	BING and	other	materials or	chemicals.Protect from
OTHER PRECAUTIO	2MS					······
None						
		 				

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